

PRODUCT INFORMATION

Tag	C-Flag&Strep Tag
Target	S1PR3
Synonyms	EDG-3, EDG3, LPB3, S1P3
Description	Human S1PR3-Strep full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	Q99500
Expression Host	HEK293
Protein Families	GPCR,Transmembrane,Druggable Genome,
Protein Pathways	S1P Signaling,Small ligand GPCRs,Angiogenesis,G-Protein Coupled Receptors Signaling Pathway,
Molecular Weight	The human full length S1PR3-Strep protein has a MW of 42.3 kDa
Formulation & Reconstitution	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene encodes a member of the EDG family of receptors, which are G protein-coupled receptors. This protein has been identified as a functional receptor for sphingosine 1-phosphate and likely contributes to the regulation of angiogenesis and vascular endothelial cell function. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

